

ABSTRACT

- 5 A process for obtaining a highly-purified alginate compound contains the steps of extraction of algae material or raw alginate with a complex forming agent in a solution, sedimentation of cell constituents and particles from the solution, filtering of the solution, precipitation of alginate
10 from the solution, and collection of the precipitated alginate. An alginate composition pertaining as a mixed polymer of mannuronic acid and guluronic acid contains a ratio of mannuronic acid to guluronic acid in the range from 1 % to 90 % and a mean molecular weight of up to or above 1,000 kD.
15 (Fig. 2)

14720/US Dr/hr